

Bernstein, G.

The Use of Bulk Transportation means with Increasing Consumption of Ores.

STAHL UND EISEN, 1973, April 26th, pp.528-544.

*BISI 11581

Weisweiler, F.J. et al

A Model for Site Selection Investigations for
Iron and Steelworks with Further-Processing Fa-
cilities.

STAHL UND EISEN, 1973, June 6th, Vol.93, No.12
BISI 11764

Belzer, H.

Considerations on the optimum size of a steel
works designed for manufacture of sectional
products.

STAHL UND EISEN, 1973, Vol.98, No.12, pp.533-
540.

9 BISI 11806

Brandi, H. Th.

Considerations regarding the siting of iron
and steelworks plants in countries outside
Europe.

STAHL UND EISEN, 1973, Vol.93, No.12, pp.541-
546.

1BISI 11745

Piehl, K.H.

The Behaviour of Pressure Vessel Steels During
Welding.

STAHL. EISEN., 1973, 21st June, V.93, N.13,
pp.568-577.

BISI 11939

Ross, H.

The Technology and Economics of Large Electrical Drives in Iron and Steelworks.

STAHL U. EISEN. 1973, Vol. 92, No. 14, pp. 636-45.

BISI 11956

Frisch, S.

Determination of Pickling Time when Descaling
Steel by Means of Hydrochloric Acid.
STAHL UND EISEN, Vol. 93, 1973, No. 15, pp. 673-
679.

HB 9097

Furke, P.

Optimising Throughput on Tandem C.B. Mills
Calculation Model.

* STAHL U. EISEN, 1973, Vol. 93, No. 13, pp. 680-689.
EISI 11814

Fenne, M.

Pneumatic Addition of Lime and Coal in the Electric Arc Furnace.

STAEL UND EISEN, 1973, Vol.93, No.16, 2 August

BISI 11774

Konopicky, K.

Refractory Products and Refractory Problems in
Modern Steel Plants.
STAHL UND EISEN, Vol. 83, 1979, No. 16, pp. 721-
724.
9113

Piege, L.

Possibilities of Using Scrap in Basic-Oxygen
Furnaces (in the Federal Republic of Germany).
STAHL UND EISEN. Vol.93, 1973, No.15, pp.723-
737.

HB Q114

Pfeiffer, E.

Melting Down and Preheating of Scrap in the
Arc Furnace with the Supplementary Use of Fuel
/Oxygen Burners.

STAHL UND EISEN, Vol.93, 1973, No.16, pp.742-
744.

HB 9185

Baumann, G. et al

Comparison of investment costs for cold-rolling
mills of different sizes for the manufacture of
sheet.

STAHL U. EISEN 1973, Vol.93, No.17, 16th Aug.,
pp.775-779.

*SISI 12192

Friedl, R.

The energy economy of the West German steel industry as a function of the world energy economy.

STAHL U. EISEN, 1973, Vol.93, No.21, pp.920-927

*EISI 12181

Alex, W. et al

Water-cooling for a steelworks at the coast.

STAHL U. EISEN 1973, Vol.93, 27th Sept, pp.92B-931.

*BISI 12191

Bretthauer, K. et al

Investigation of the Asymmetry and Measuring
Errors in a High-Power Electric Arc Furnace.
STAHL UND EISEN, Vol.93, 1973, No.17, pp.761-
764.

HB 9129

Zimmermann, K.

Determination of Acid-Soluble Nitrogen in Pig
Iron and Steel.

STAHL UND EISEN, Vol. 98, 1978, No. 17, pp. 765-
768.

HB 9131

Itaya, H. et al

Effect of Sodium and Ferrous Chlorides on the
Behavior of Pellets During Their Reduction in
Carbon Monoxide, Carbon Dioxide, and Nitrogen
Gas Mixes.

STAHL UND EISEN, Vol.93, 1978, No.17, pp.772-
774.

HB 9130

Dahl, W.

Causes of Weld Hot Cracking in Columbium-Sta-
bilized Steel Containing 16% Cr and 16% Ni.
STAHL UND EISEN, Vol. 93, 1973, No. 18, pp. 805-
812.

HB 9137

Dahl, W.

Effect of Various Alloying Elements on the
Hot Cracking Susceptibility of Austenitic
Steel During Welding.

STAHL UND EISEN, Vol.93, 1973, No.10, pp.613-

622.

HB 9138

Servin, A.

Three Dimensional Calculation of the Solidifi-
cation of Steel Ingots and their Heating in the
Soaking Pit.

STAHL UND EISEN, V.93, N.18, pp.834-837.

11901

Herbaleb, G.

The Effects of Iron and Manganese Sulphide
Inclusions on Pit Nucleation in Pitting Cor-
rosion of Steel.

STAHL EISEN, 1973, Vol.93, No.18, pp.837-839.

BISI 17055

4-Feb-74

Uncl (BNWL-tr--107) Surface roughness measurements on the interior surface of seamless, stretch-reduced tubes of chrome--nickel stainless steels. SKOV, J.; WOLF, M. Translated by B.G. Russell from Stahl Eisen; 93; No. 19, 885-892(1973). 20p. Dep. NTIS \$5.00.

11F metallurgy; translations
MN-25 P NSA

FRIDOL, R.
//STEAL U. EISEN//
--/--/1973, V0093, N0002,
The Energy Economy of the Steel Industry in West
Germany, and the Influence of the World Energy
Economy,
DP 830-067, DTIC 1212490

Bunte, K.-J.

Operating Experience in the Use of Pouring Laddles Equipped with Sliding Nozzles.

STAHL UND EISEN, Vol.93, 1973, No.21, pp.963-966.

HB 9174

BRUNTSCHNEIDER, E.
//STAHL UND EISEN//
--/--/1973, V0003, N0022,
The Planetary Cross-Rolling Mill--A New High-
Deformation Plant,
DP 1024-1020, BISI 1200768

MASSIP et al

//STAHL UND EISEN//

--/10/1973, V----, M----

The properties of Mn-Mo-Ni high strength steel
strip with shear ferrite,
pp 1051-1053, *BISI 1289600

WYSOCKI, H.

//STAHL U EISEN, //

--/--/1973, V0003, N0026

Development and testing of a new slag granulation
and dehydration system with automatic sand
loading

pp 1246-1250 BISI 12287#

Eisermann, E.

Continuous Melting of Sponge Iron in a Ten-Ton Arc Furnace.

STAHL UND EISEN, Vol.93, 1973, No.26, pp.1251-1255.

HB 9193

Honervogt, H.W.

An Indirect heated Annealing Furnace for the
Annealing in a Protective Atmosphere of Stain-
less and Acid-Resistant Cold-Rolling Strip.
STAHL UND EISEN, 22nd November, 1973, pp.1152-
1157.

BISI 12079

PAULITSCH, H. et al

//STAHL UND EISEN//

--/--/1974, V0094, N0001

Effect of the furnace atmosphere on scaling and
surface decarburisation in pusher type and
walking beam furnaces ahead of medium section
small section and rod mills

pp 8-14 *BISI 12588##

SCHROER, H.
//STAHL UND EISEN, //
--/--/1974, N00994, N00994
Use of calcium borate as flux in the basic
Oxygen Processes
pp 136-143 HB 922940

HUSKEN, H. G.

//STAHL U. EISEN//

28/02/1974, V0094, N0005,

Characteristic data and operating results of a
continuous hydrochloric acid pickling line
pp 169-175, BISI 12453#4

JARGON, F.
//STAHL U EISEN, //
--/--/1974, V0094, N0006,
highly passivated tinplate production of
combustion
pp 203 BISI 1231044

BRUNS, J.
STAHL UND ESIEN
--/--/1974, V0094, N0005,
The world market for cold rolled stainless flat
products,
pp 206-210 *BISI 1239000

JESCHKE, R. et al
//STAHL EISEN//
--/--/1974, V0094, N0012
Model tests on the formation of the raceway
and on movement processes in front of the
tuyeres in a blast furnace
pp 525-532 BISI 1246300

GREUEL, H.

//STAHL EISEN//

--/--/1974, V0094, N0012,

Investigation on movement mechanisms in front of
the Tigris of an industrial blast furnace
using an endoscope

pp 533-538, BISI 12464##

//STAH EISEN MATERIAL DATA SHEET//
--/02/1969, V---,N---,
High temperature steels quality specifications
pp 670-69 BISI 12294##

UNKNOWN

//STAHL EISEN PRUFBLATT//

--/--/1916, V----, n----

Not of fusion welded long distance pipeline
for combustible liquid and gases
ppnot given *BISI 12607##

UNKNOWN

//STAHL EISEN PRUGBLATT/

--/--/----, V----, N----

Blue brittleness for assessing macroscopic
inclusion contents in steels

pp not given BISI 12397

1958, 1970 Dec##

UNKNOWN

//STAHL-EISEN-PRUFBLATT//

--/12/1961, V.---, N---,

Microscopic test of steels for grain size by
comparison with standard charts

pp 1510-1561, 1st Edition, BISI 12462##

Microscopical Examination of Special Steels for non-
Metallic Inclusions Using Standard Micrograph Charts.
STAHL-EISEN PRUEFBLATT 1570, 2 ed, Aug. 1971
BISI 10905

April 73

Voigt, Helmut

Principles of steel construction engineering in the
building and operation of wind driven power plants. 15 pp
DER STAHLBAU, Vol 1, No 8, Aug. 1954, pp 184-188
NASA TT F 14,87

W. SCHONBACH

Deformation Correction of Main Reflector and Sub-
reflector in Large Parabolic Antennas.

STAHLBAU, V-1 39, pp 1-12, 1970.

NTC 73-10398-09F

Mar 73

UNKNOWN

//STAHL EISEN PRUFLATT//

--/--/1916,(1st Ed.),V----,N----,

NDT of fusion-welded, long distance pipeline
for combustible liquids and gases,

BISI 12195

August 1972@

UNKNOWN

//STAHL EISEN PRUEFBLATT//

--/--/1925(draft);V----,N----,

Eddy current testing of tubes, as proof of
leak tightness,

BISI 12196

September 19720

FILATOV, A.D. ET AL
//STAL'//
--/--/1971,V----,N0011,
New Technological Schedule for rolling and
finishing channels on a 500 mill,
PP 1017-1019,BISI 121320

Litvinov, A.T.

Fine gas scrubbing to remove highly dispersed hydrophobic particles using the condensation effect.

STAL, 1972, pp 184-186, n. 2.

NTC 73-12114-07A.

The Firing of an Open Hearth Furnace with Changes in the
Angle of Inclination of the Flame During the Periods
of the Heat, by I. G. Kabanov, et al.
STAL', 1972, No 5, pp 409-411.
BISI 10594

April 73

Gutorova, V.L.

Investigation of the quality of oxygen converter
bulb-strip 0962 steel.
STAL', 1972, No. 5, pp. 411-412
BISI 10596

june 73

Erivoshev, A.I. et al.

Increasing the life of the rolls of a 3000
Plate Mill.

STAL', 1972, No.5, pp.431-432.

BIBI 10600

P.P. Mishin, et al.

Special Features Of Slat Conditions In
Blast Furnaces Of The Karaganda Combine
STAL', No. 7, 1972, pp 583-587
BISI 10814

Jan 1973

J.B. Tolgachev et al.

Action of the Jet of Oxygen on a Converter Bath
STAL', No 7, 1972, pp 599-601
BISI 10817

Jan 1973

A. V. [unclear] [unclear]

Deflection Of the Backing Rods Of A Four-
High Mill

STAL', No. 7, 1972, pp 621-624

BTST 10819

Jan 1973

L. I. Posysayeva

Influence of manganese on the ductility of low-carbon
high-alloy austenitic steel at high temperatures.
STAL, No 7, 1972, pp 643-646
BISI 10825

may 73 apr

R.M. Kopylov, et al.

The Effect of the α -Transition of the
Corrosion Resistance of α -Al₂O₃
SPAL', No 7, 1972, pp 649-650
BISI 1026

Jan 1973

Vrsal, M.

Measurements Performed on a 300 Light-Section Rolling
Mill Train in the Trinec Iron and Steel Works.

STROJIREŠTVI, 1972, No. 11, pp. 675-685

BISI 11037

Behaviour of Gases during Combustion and Methods of
Degassing, by V. I. Ivanovskii, et al.
STAL', 1972, No 8, pp 713-718.
HIST 10881

April 73

Control of the Speed Conditions on a Continuous Hot
Wide Strip Mill, by N. N. Drezhnikov, et al.
STEAL', 1972, No 8, pp 729-733.
BISI 10683

April 73

Emel'yanov, V. N.

A study of high-pressure heat exchange in acrolein.

STAL, No 8, 1972, pp 750-771

NTC 72-13808-80N

BIPI 10887

Desulphurization of Open Hearth Steel, by G. N.
Karyshev, et al.
SAL, 1972, No 8., pp 806-807.
BISI 10960

April 73

Metallurgical Properties of Iron-Ore Pellets, Hardened
Without Firing by Treatment in Autoclaves, by V. G.
Kuchinskii, et al.
STAL', 1972, No 9, pp 177-181.
BISI 10957

April 73

Participation of Oxidogen in the Direct Reduction of
Iron in the Blast-Furnace Hearth, by M. I. Kovanicki.
STAL, 1972, No 9, pp 785-788.
BISI 10958

April 73

Increasing the Resistance of Steel to Brittle
Fracture After Tempering in the Presence of Synthetic
Slag, by L. N. Borodov
STAL., 1972, No 9, pp 795-99.
BISI 10959

April 73

The Rolling of Merchant Section of Constant Wall and
Flange Thicknesses, by S. M. Ilyukovich.
STEEL, 1972, No 9, pp 828-829.
BISI 10962

April 73

V. Ya. Gancho et al.

Influence of Metallurgical Factors on the Mechanical
and Cutting Properties of the Alloy V14M7K25.

STAL', No. 9, pp 842-844, 1972.

BISI 10064

apr 73

A. V. Ivanchenko
Chromatographic Determination of Hydrogen in Slow-
Cooling Soaking Pits, by A. V. Ivanchenko.
STAL', 1972, No 9, pp 849.
BISI 10965

April 73

The Optimum Value for the Degree of Darkness of a
Flame, by S. I. Gertsyk.
STAL', 1972, No 9, pp 855-7.
BYST 10966

April 73

Effects of the Properties of the Initial Fire on the
Dimensional Accuracy of Flattened Strip, by I. K.
Lazarev.

STAL', 1972, No 9, pp 858-860.

BISI 10967

April 73

M. Kh. Shorshorov, et al.

The 08kp Steel for AZhA Clad Metal Compositions.
STAL', No. 10, pp 847-849, 1972.

BISI 11088

apr 73

A.A. Drozhilov et al.

Control of the Energy Schedule in Large Arc Furnace.
STAL' No. 10, pp 912-914, 1972
BISI 11086

Bisd

Kucherenko, V.R.-

Tube reduction on ctr mills.
~~STAL~~', 1972, No. 10, pp. 931-932
BTST 11016

June 73

Shuttle, V. E.

Protecting the atmosphere from pollution by satellites
(Discussion).

STAL, No 10, 1973, pp 981-983

NTC 73-14511-00F

Medzniborzhskiy, M. Ya. et al.

Determination of mass distribution in an OH
furnace during charging and scrap preheating
periods.

STAL' 1972, No.11, pp.984-5.

*BISI 11201

Lempitakiy, V.V.

Quality of railway rails produced from continuously cast strands of basic oxygen steel.

STAL', 1972, No. 12, pp.117-118.

9BISI 11335

Zyuzan, V.I. et al

Hot-Rolling of High-Precision Turbine Blades.

STAHL, 1972, No.11, pp.1012-1014.

BISI 11203

Bochkov, N.G.

Investigation of the deformation and residual
stresses in thin-walled angular sections.
STAL', 1972, No. 11, pp. 1016-8
BISI 11205

june 73

Solomakhin, I. S. et al

Optimum-Planning Economic-Mathematical Model for
Ironmaking.

STAL', 1972, No. 11, pp. 1036-1039.

BISI 11206

Shvartsbart, Ya. S.

Wire made of alloys with special physical properties
drawn using lubricant under pressure
STAL', 1972, No. 11, pp. 1049-1051
BISI 11207

june 73

Yavolskiy, V. I.

Gates in Steels.

STAL', 1972, No. 12, pp.1081-83.

BISI 11330

Shatagin, O.A. et al

Use of Copper-Ceramic Nozzle in the Horizontal
Continuous Casting Machine.

STAL', 1972, No.12, pp.1083-1086.

BISI 11331

Lagutin, A.B. et al

Automated Systems of Rolled Product Cut-up
Control.

STAL', 1972, No. 12, pp.1097-1100.

BISI 11332

Zhadan, V.T. et al

Roll Pass Design Allowing for Wear on the
Grooves.

STAL', 1972, No.12, pp.1100-1102.

ISI 11333

Pavlovskii, V. Ya.

Blooming Mill Ingot Refinement.
STAL', 1972, No. 12, pp.1104-1105
BISI 11334

Kainnikov, E.S. et al

The Quality of ShKH15 Ball-Bearing Steel Produced in the Open Hearth Furnace and Refined with Synthetic Slag.

STAL', 1973, No.1, pp.23-26.

BTST 11417

Bedarev, V.I. et al

Effect of the Composition of Inoculated Molten
Conversion Pig Iron on Ingot Mould Life

STAL', 1973, (1), pp 32-33

9 BISI 11416

July 1973

Onishchenko, I.I. et al

Ways of Improving the Quality of Kh25T Steel
Tube Billets.

STAL', 1973, (1) pp 50-51

9 *BISI 11415

July 1973

Gulyaev, G.I. & Ivshin, P.N.

Assessment of the Accuracy of Formulae for Calculating
Variations in Wall Thickness in Tube Reduction

STAL' 1973, (1) pp 55-58

БИСИ 11414

July 1973

Kasentsev, S. I., et al.

An Electronic Computer Used for Calculating
Heating of Metal in Continuous Furnaces
STAL', 1973, PP 77-9, No. 1
BYST 11411

Zhilo, N.L. et al

Slag Conditions in Blast-Furnace Operation on
Pellets from the Solkolovka-Sarbai Mining-Be-
neficiation Combine (SSQOK).

STAL', 1973, No. 2, pp.19-24.

*BISI 11470